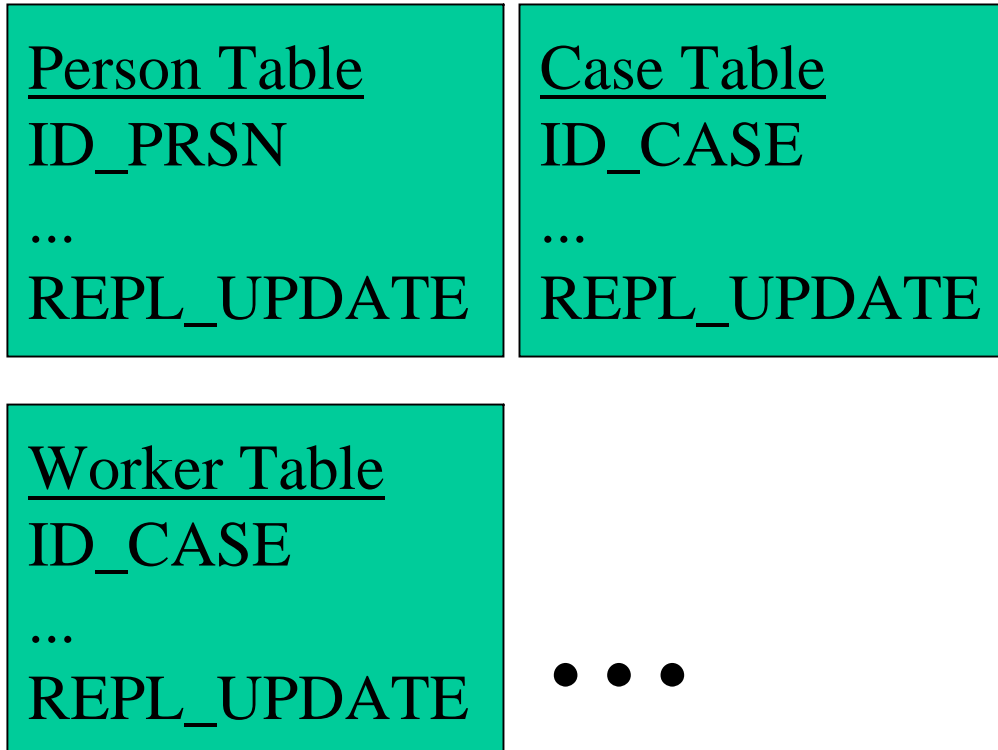# eWiSACWIS
Case Management Interface

CMI Parm Date

REPL_UPDATE

Every eWiSACWIS replicated table contains the REPL_UPDATE field. REPL_UPDATE is an update/insert timestamp indicating when a particular row in a table was inserted or last updated.

Person Table	Case Table
ID_PRSN	ID_CASE
...	...
REPL_UPDATE	REPL_UPDATE

Worker Table	
ID_CASE	
...	
REPL_UPDATE	• • •

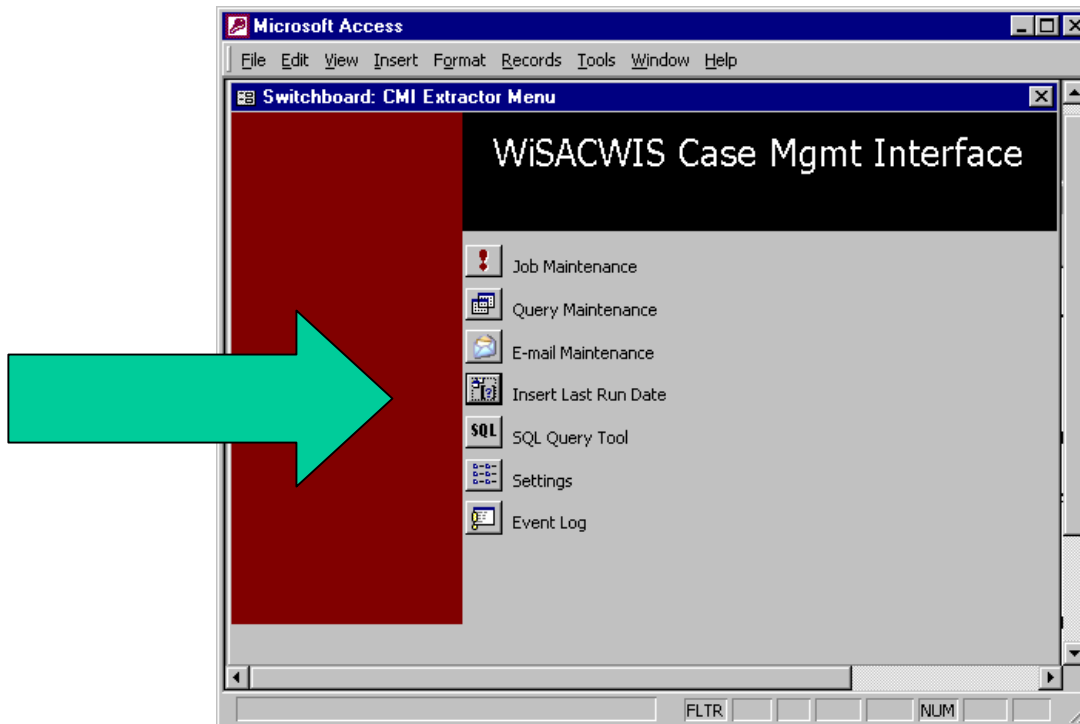# Insert Last Run Date Process

This is a CMI Extractor process that is available as a batch process:

    InsertRunDate.bat

        "C:\Program Files\Microsoft Office\msaccess.exe"

          "L:\Sacwis\cmi extractor.mdb" /cmd insertrundate

or as a Menu option in the CMI Extractor:

Insert Last Run Date Process

This process finds the Maximum REPL_UPDATE date across all REPL database Tables.

    Select Max(date) from
    (Select Max(REPL_UPDATE) from Person
    Union
    Select Max(REPL_UPDATE) from Case
    Union
    Select Max(REPL_UPDATE) from Worker
    Union
    ...)

And ...

Insert Last Run Date Process

...Inserts it into CMI_Parm_Date table. This MS Access table in the CMI Extractor database contains all Max(REPL_UPDATE) dates for all processing days.

CMI_Parm_Date

6/1/2004 8:18:33 PM
5/28/2004 10:45:55 PM
5/28/2004 12:03:29 AM
5/26/2004 8:22:44 PM
5/25/2004 9:39:22 PM

CMI_Parm_Date and CMI Queries

All CMI Queries are written to include the REPLDT parameter.

```
/* CMI 2 - New_Placement
    Selects NEW Out-of-Home placements (of any type) */

SELECT
  EP.id_case, EP.id_prsn, PX.id_cnty_prsn, ...
  FROM
  EPISODE EP, ...
 WHERE  EP.repl_insert > REPLDT and ...
;
```

CMI_Parm_Date and CMI Queries

When the CMI Extractor runs one of the Queries, it first replaces the REPLDT parameter with the Max date value found in the CMI_Parm_Date table.

```
/* CMI 2 - New_Placement
    Selects NEW Out-of-Home placements (of any type) */

SELECT
  EP.id_case, EP.id_prsn, PX.id_cnty_prsn, ...
  FROM
  EPISODE EP, ...
 WHERE  EP.repl_insert > TO_DATE('06/01/2004 20:18:33','MM/DD/YYYY
hh24:mi:ss') and ...
;
```

CMI_Parm_Date and CMI Queries

•The Insert Last Run Date process is the last step during any processing day to prepare the CMI Extractor for the next day's processing.

•This means that any CMI queries that are run on a subsequent day will retrieve all of the update activity available since the last time the CMI process was run.

•This is independent of the data replication process. For example, a county can replicate the data daily but elect to run the CMI process weekly without any adverse effects.